



Centre de toxicologie / INSPQ

# Biological Reference Material

## - Evaluation Report -

**AM-S-Y2405**

Biological matrix : Serum      Date of publication : 2029-03-28  
Expiration date :

| MATERIAL NUMBER | ANALYTE GROUPING | ANALYTE     | ASSIGNED VALUE | UNIT | STANDARD UNCERTAINTY * | N  |
|-----------------|------------------|-------------|----------------|------|------------------------|----|
| AM-S-Y2405      | PFAS serum       | PFOA        | 1.84           | µg/L | 0.0554                 | 18 |
|                 |                  | PFOS        | 5.62           | µg/L | 0.161                  | 21 |
|                 |                  | PFHxS       | 6.26           | µg/L | 0.134                  | 21 |
|                 |                  | PFHxA       | 0.878          | µg/L | 0.0294                 | 18 |
|                 |                  | PFNA        | 6.39           | µg/L | 0.179                  | 21 |
|                 |                  | PFUdA       | 0.555          | µg/L | 0.0263                 | 20 |
|                 |                  | PFDA        | 2.58           | µg/L | 0.0537                 | 20 |
|                 |                  | PFHpS       | 1.48           | µg/L | 0.0313                 | 17 |
|                 |                  | PFHpA       | 1.30           | µg/L | 0.0400                 | 19 |
|                 |                  | PFOS linear | 4.09           | µg/L | 0.0988                 | 15 |
|                 |                  | PFOS branch | 1.65           | µg/L | 0.197                  | 13 |
|                 |                  | PFBA        | 0.665          | µg/L | 0.0483                 | 13 |
|                 |                  | PFBS        | 2.18           | µg/L | 0.0793                 | 18 |
|                 |                  | PFOA branch | 0.161          | µg/L | 0.0481                 | 5  |
|                 |                  | PFOA linear | 1.76           | µg/L | 0.0482                 | 12 |
|                 |                  | PFecHS      | 0.127          | µg/L | 0.0243                 | 3  |
|                 |                  | PFDoDA      | 3.88           | µg/L | 0.167                  | 16 |
|                 |                  | PFTTrDA     | 0.972          | µg/L | 0.136                  | 11 |
|                 |                  | PFTeDA      | 0.320          | µg/L | 0.0223                 | 9  |
|                 |                  | MeFOSAA     | 0.192          | µg/L | 0.0145                 | 7  |
|                 |                  | EtFOSAA     | 0.311          | µg/L | 0.0399                 | 7  |
|                 |                  | PFPeS       | 3.66           | µg/L | 0.274                  | 10 |

\* Standard uncertainty (µx): characteristic of the dispersion of results used to calculate the assigned value; expressed in the same format as the standard deviation.

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